

### **UTILITY PATENT APPLICATION TRANSMITTAL** (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 1789A1

Total Pages in this Submission 42

#### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application

•	P.C	D. Box 1450 ia, VA 22313-1450		
Transmitted herewith for filing		·	(b) is a new utility patent ap	plication for an
invention entitled:				
METHOD AND APPARATU	S FOR CLEANING A PI	HOTOACTIVE AN	ND/OR HYDROPHILIC SU	O
				T <sub>T</sub>
				31131
and invented by: Cheri M. Boykin, Marshall C	Dacker Charles R Gree	enherg Caroline S.	Harris and Cory D. Steffek	
Cheff W. Boykin, War shan	. Decker, Charles D. Gree	choole, caronic	, <b></b>	10/20
				8
If a CONTINUATION APPLIC	ATION check appropria	te hox and supply	the requisite information:	
<u>_</u>		tion-in-part (CIP)		
Which is a:		non in pair (on )	· ·	<u> </u>
	isional 🔲 Continuat	tion-in-part (CIP)	of prior application No.:	
Which is a:		. , ,	_	
	risional 🏻 Continuat	tion-in-part (CIP)	of prior application No.:	
X claims benefits of	Provisional Applica	ation Serial N	Nos. $60/409,397$ and $6$	0/417,903
Enclosed are:	Applic	ation Elements		
1. 🛛 Filing fee as calcu	lated and transmitted as	described below	•	
2. 🛛 Specification havi	ng <b>33</b>	pages and i	ncluding the following:	
		<del></del>	·	
a. 🛭 Descriptive	itle of the Invention		•	
b. 🗷 Cross Refere	ences to Related Applicat	ions (if applicable)		
c.  Statement R	egarding Federally-spons	sored Research/Do	evelopment (if applicable)	
d.  Reference to	Sequence Listing, a Tab	ole, or a Computer	Program Listing Appendix	
e. 🛭 Background	of the Invention			
f. 🗵 Brief Summa	ary of the Invention			
g. 🛭 Brief Descrip	otion of the Drawings (if file	led)		
h. 🗵 Detailed Des	scription			
i. 🛛 Claim(s) as	Classified Below	-		
j. 🛛 Abstract of t	he Disclosure			
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		Application Elements (Continued)
3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)
	a.	☐ Formal Number of Sheets
	b.	✓ Informal Number of Sheets
4.	X	Oath or Declaration
	a.	☐ Newly executed (original or copy) ☑ Unexecuted
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
	C.	With Power of Attorney    □ Without Power of Attorney
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.		Application Data Sheet (See 37 CFR 1.76)
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
	a.	☐ Computer Readable Form (CRF)
	b.	☐ Specification Sequence Listing on:
		i.   CD-ROM or CD-R (2 copies); or
		ii. 🔲 Paper
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy
		Accompanying Application Parts
9.		Assignment Papers (cover sheet & document(s))
10.		37 CFR 3.73(B) Statement (when there is an assignee)
11.		English Translation Document (if applicable)
12.		Information Disclosure Statement/PTO-1449   Copies of IDS Citations
13.		Preliminary Amendment
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	X	Certificate of Mailing
		☐ First Class ☒ Express Mail (Specify Label No.): EV 334652826 US

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	Accompanying Application Parts (Continued)
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.
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#### **Fee Calculation and Transmittal**

#### **CLAIMS AS FILED** #Filed For #Allowed #Extra **Rate** Fee \$360.00 **Total Claims** 40 - 20 = \$18.00 20 X Indep. Claims \$420.00 \$84.00 8 - 3 = 5 X Multiple Dependent Claims (check if applicable) \$0.00 \$750.00 **BASIC FEE** OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$1,530.00 A check in the amount of to cover the filing fee is enclosed. ☑ The Director is hereby authorized to charge and credit Deposit Account No. 16-2025 as described below. ☑ Charge the amount of as filing fee. \$1,530.00 ☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Signature Jacques B. Miles, Esq. September 8, 2003 Registration No. 42,888 Dated: **Attorney for Applicant** Telephone: 412-434-2938 Facsimile: 412-434-4292 CC: